

in line 25, after "example", insert --,--.

**On page 10:**

in line 1, before "butterfly", insert --the--;

in line 6, cancel "for example" and substitute --, for example,-- therefor;

5 in line 8, before "butterfly", insert --the--;

in line 11, cancel "for example" and substitute --, for example,-- therefor;

in line 17, cancel "apparently complicated"; and

in line 18, cancel "outlay" and substitute --expenditures-- therefor.

10 **IN THE CLAIMS:**

**On substitute page 11:**

in line 1, cancel "Patent claims" and substitute --WHAT IS CLAIMED  
IS:-- therefor;

**Please amend the following claims 1-12.**

15 1. (Amended) A communication [Communication] system comprising:  
[having]

a [at least one] computer device [(PC),];

a [at least one] telecommunication terminal apparatus; [(TE) and]

20 a switch [switching means (PABX) that can be connected to a public  
telephone network, whereby];

said switch, said computer device, and said telecommunication terminal  
apparatus all allowing connection to a public telephone network;

25 a first bus system that connects said [the] computer device [(PC)] to said  
[and the] telecommunication terminal apparatus [(TE) are connected via a first bus  
system (USB),];

a second bus system having a smaller bandwidth than said first bus system  
that is utilized for the connection of individual internal assemblies of said  
telecommunication terminal apparatus;

an interface that connects said [the] telecommunication terminal

apparatus [(TE) is connected] to said switch [the switching means (PABX) via an interface (U<sub>p0/E</sub>),]

said [the] telecommunication terminal apparatus [(TE)] having [is provided with] a first operating mode in which [the] reception data received from  
5 said switch [the switching means] are rerouted by said [the] telecommunication terminal apparatus to said [the] first bus system [(USB)], and are forwarded via said [the] first bus system to the computer device [(PC)],;

said [the] computer device comprising a processor [(PC) is provided with means] for processing [of] data received by said [the] telecommunication terminal apparatus, and for [the] forwarding said [of these] data to said [the]  
10 telecommunication terminal apparatus via said [the] first bus system; [,]

said [whereby the] data [are] being transmitted [emitted] by said [the] telecommunication terminal apparatus; [,]

[characterized in that the first bus system (USB) exhibits a greater  
15 bandwidth than a second bus system (IOM-2) that is employed for the connection of individual, internal assemblies of the telecommunication terminal apparatus, and in that, ]

said first bus system forwarding said [in addition, in the first operating mode the] transmission data produced by said [the] telecommunication terminal apparatus [are forwarded via the first bus system (USB)] to said [the] computer device [(PC)] in said first operating mode; [,]  
20

said data received by said [the] computer device being processed with said processor [processes the received data using the processing means,];

said first bus system sending said [and the] processed transmission data  
25 [are sent back via said the first bus system] to said [the] telecommunication terminal apparatus; [,] and

said [the] telecommunication terminal apparatus [reroutes] rerouting said processed transmission data received by said telecommunication terminal apparatus [these data] to said [the corresponding] interface, for forwarding to said  
30 switch [the switching means].

2. (Amended) A communication [Communication] system according to claim 1, wherein: **[characterized in that]**

said processor [the processing device of the computer device] encodes said [the] transmission data produced by said [the] telecommunication terminal apparatus, and decodes said [the] reception data received from said switch [the switching means].

3. (Amended) A communication [Communication] system according to claim 1, wherein: [or 2, **characterized in that**]

said [the] first bus system is implemented utilizing [realized by] a USB bus; [, and]

said [the] second bus system is implemented utilizing [essentially realized by] an IOM-2 multiplexer; [,] and

all data of said [the] IOM-2 multiplexer are transmitted via said [the] first bus system.

4. (Amended) A communication [Communication] system according to claim 3, wherein said IOM-2 multiplexer comprises: **[characterized in that]**

a CTRL channel via which said [the] computer device [(PC)] controls said [the] telecommunication terminal apparatus in said [the] first operating mode [according to the [...]] via a CTRL channel of the IOM-2 multiplexer,];

a D\* channel, via which said [the] computer device receives items of control information from said the telecommunication terminal apparatus[ -- such as for example the items of information produced during the pressing of particular keys of the telecommunication terminal apparatus -- via a D\* channel of the IOM-2 multiplexer,] ; and

IC channels, via which said [the] computer device [(PC)] and said [the] telecommunication terminal apparatus [(TE)] exchange data [via IC channels of the IOM-2 multiplexer].

5. (Amended) A communication [Communication] system according to claim 3 wherein said IOM-2 multiplexer comprises: [or 4, **characterized in that**] B channels, wherein said [the] telecommunication terminal apparatus reroutes said [the] data only between said [the] interface [(U<sub>p0/E</sub>)] and said B channels [of the IOM multiplexer].

6. (Amended) A communication [Communication] system according to claim 1, wherein said switch [one of claims 1 to 5, **characterized in that** the switching means (PABX)] is a private branch exchange.

7. (Amended) A communication [Communication] system according to claim 6, wherein said [**characterized in that** the] interface [(U<sub>p0/E</sub>)] is a U<sub>p0/E</sub> interface.

8. (Amended) A communication [Communication] system according to claim 6, wherein said [one of claims 1 to 7, **characterized in that** the] telecommunication terminal apparatus has [is provided with] a second operating mode, in which it is controlled in a conventional manner by said [the] private branch exchange, and which allows [, whereby in this operating mode] operation independent of said [the] computer device [(PC) is possible].

9. (Amended) A communication [Communication] system according to claim 1, wherein said [one of claims 1 to 6, **characterized in that** the] telecommunication terminal apparatus [(TE)] is a telephone.

10. (Amended) A communication [Communication] system according to claim 3, wherein: [one of claims 3 to 9, **characterized in that**] said [the] computer device has [(PC) is provided with] a program that enables simulation of a telephone answering device; [, ]  
[whereby the corresponding] said transmission data represent spoken

text; [texts,]

said [and the] computer device further comprises a [is provided with means for storing these] transmission data store which enables [, in order to enable] repeated time-displaced forwarding of said [the] spoken text [texts] to said switch [the switching means] via said [the] telecommunication terminal apparatus; and [,]

[and whereby the] said reception data [,] which represent messages from callers that [,] are sent by said switch to said [the switching means (PABX) to the] computer device via said [the] telecommunication terminal apparatus [(TE)], that are intermediately stored in said [the] computer device, and that are forwarded in a time-displaced fashion via said [the] telecommunication terminal apparatus, as reception data.

11. (Amended) A communication [Communication] system according to claim 1, wherein: [one of claims 1 to 10, **characterized in that** ]

said [the] computer device [(PC)] further comprises a video conferencing mechanism [is provided with means for carrying out video conferences, or is connected with corresponding peripheral devices,];

said [whereby the] computer device obtains said [the] reception data from said switch [the switching means] via said [the] telecommunication terminal apparatus, [and] divides said reception data [it] into image data and speech data, displays said [the] image data on a display screen of said [the] computer device, [and] sends said [the] speech data back to said [the] telecommunication terminal apparatus, and

said [the] computer device assembles transmission data from said speech data and said image data; [,]

[whereby] said [the] speech data originating from a microphone of said the telecommunication terminal apparatus being [are] transmitted to said [the] computer device via said [the] first bus system, and said [the] transmission data being [are] sent to said switch [the switching means] via said [the]

telecommunication terminal apparatus.

12. (Amended) A communication [Communication] system according to claim 1, wherein said switch [one of claims 1 to 11, **characterized in that** the switching means (PABX)] corresponds to the ISDN standard.

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**Please add the following claims 13-16.**

13. A communication system according to claim 3, wherein said items of control information comprise items of information produced during a pressing of particular keys of said telecommunication terminal apparatus.

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14. A method for transmitting data in a communication system having the elements a telecommunication terminal apparatus, a computer device, and a switch, wherein said elements are connectable to a public telephone network, comprising the steps of:

connecting said computer device to said telecommunication terminal apparatus via a first bus system;

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connecting individual internal assemblies of said telecommunication terminal apparatus with a second bus system having a smaller bandwidth than said first bus system;

connecting said telecommunication terminal apparatus to said switch via an interface;

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receiving reception data by said telecommunication terminal apparatus from said switch;

transmitting said reception data by said telecommunication terminal apparatus operating in a first operating mode to said first bus system, and forwarding said reception data via said first bus system to said computer device;

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processing, by a processor of said computer device, said reception data received by said computer device from said telecommunication terminal apparatus;

forwarding, by said computer device, to said telecommunication terminal apparatus, said processed reception data via said first bus system;

further transmitting said processed reception data by said telecommunication terminal apparatus;

5 producing transmission data by said telecommunication terminal apparatus;

forwarding said transmission data by said telecommunication terminal apparatus operating in said first operating mode to said computer device via said first bus system;

10 processing, by said processor of said computer device, said transmission data received by said computer device;

transmitting, by said computer device, to said telecommunication terminal apparatus, said processed transmission data via said first bus system; and

15 transmitting, by said telecommunication terminal apparatus to said interface for forwarding to said switch.

15. The method according to claim 14, further comprising the steps of:

20 sending said reception data by said switch and said transmission data produced by said telecommunication terminal apparatus to said computer device via said telecommunication terminal apparatus, wherein said data received by said computer device represents spoken text;

25 intermediately storing said data received by said computer device in a transmission data store of said computer device, wherein said computer device further comprises a program that enables simulation of a telephone answering device, and wherein said transmission data store enables repeated time-displace forwarding of said spoken text to said switch via said telecommunication terminal apparatus; and

forwarding said data received by said computer device, by said computer device, in a time-displaced fashion via said telecommunication terminal apparatus.